

1871?

**TRANSMITTAL LETTER THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
**PCT/JP2003/011401**

INTERNATIONAL FILING DATE  
**8 September 2003 (08.09.2003)**

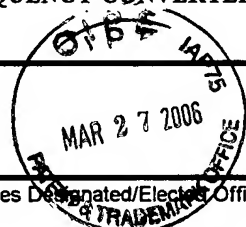
PRIORITY DATE CLAIMED  
**9 September 2002 (09.09.2002)**

TITLE OF INVENTION

**PUSH-PULL AMPLIFIER AND FREQUENCY CONVERTER CIRCUIT**

APPLICANT(S) FOR DO/EO/US

**Hideaki Dodo**



Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☒ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. **EV492665098US**
23. ☒ Other items or information:

**Eight (8) sheets of drawings**

**Asinee: NEC Corporation of Tokyo, Japan**

2211230/PTO 27 MAR 2006

SCULLY, SCOTT, MURPHY & PRESSER

A PROFESSIONAL CORPORATION

ATTORNEYS AT LAW

400 GARDEN CITY PLAZA, SUITE 300

GARDEN CITY, NEW YORK 11530-3319

ALLEN R. MORGANSTERN

ALEK P. SZECSY

STEPHEN A. YOUNG

COUNSEL

ZHUANG YUAN

TECHNICAL CONSULTANT

JOHN F. SCULLY

STEPHEN D. MURPHY

KENNETH L. KING

RETIRED

ANTHONY C. SCOTT (1931-1994)

WILLIAM E. McNULTY (1927-1993)

TELEPHONE: (516) 742-4343

FACSIMILE: (516) 742-4366

E-MAIL: Intprop@ssmp.com

LEOPOLD PRESSER  
FRANK S. DIGIGLIO  
PAUL J. ESATTO, JR.  
JOHN S. SENSNY  
MARK J. COHEN  
EDWARD W. GROLZ  
STEVEN FISCHMAN  
PETER I. BERNSTEIN  
THOMAS SPINELLI

ROBERT L. BERNSTEIN  
MARVIN BRESSLER  
DERMOTT J. COOKE\*  
RICHARD J. DANYKO  
BRADLEY M. MARAZAS  
SETH M. WEINFELD  
KEITH A. WELTSCH\*  
YONGZHI YANG\*  
XIAOCHUN ZHU

\*OH BAR ONLY

\*MD BAR ONLY

\*NC BAR ONLY

YONG LU  
LESLIE S. SZIVOS, PH.D.  
DAVID J. TORRENTE, J.D.  
PATENT AGENTS

DOMINICK A. TUCCIO  
TECHNICAL COUNSULTANT



March 17, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: USSN: 10/526,724  
Hideaki Dodo  
Our Docket: 18713

Dear Sirs:

The Filing Receipt for the above-identified patent application does not have the Assignment for Published Patent Application information listed. It should read as follows:

**Assignment For Published Patent Application  
NEC Corporation, Tokyo, Japan**

as indicated on the enclosed pages. Please make the corrections and send us a corrected Filing Receipt.

Very truly yours,

*Scully, Scott, Murphy & Presser, P.C.*  
Scully, Scott, Murphy & Presser, P.C.

SSM&P/tw  
Encl.



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/526,724	09/06/2005	2811	1030	18713	4	8	1

23389

SCULLY SCOTT MURPHY & PRESSER, PC  
 400 GARDEN CITY PLAZA  
 SUITE 300  
 GARDEN CITY, NY 11530



CONFIRMATION NO. 2253

## FILING RECEIPT



\*OC000000017806354\*

Date Mailed: 01/11/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Hideaki Dodo, Tokyo, JAPAN;

Assignment For Published Patent Application  
 NEC Corporation, Tokyo, Japan

Power of Attorney: The patent practitioners associated with Customer Number 23389.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/11401 09/08/2003

## Foreign Applications

JAPAN 2002-262837 09/09/2002

Projected Publication Date: 04/20/2006

Non-Publication Request: No

Early Publication Request: No

## Title

Push-pull amplifier and frequency converter circuit

**Preliminary Class**

257

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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